

NAME

docker-service-create - Create a new service

SYNOPSIS

docker service create [OPTIONS] IMAGE [COMMAND] [ARG...]

DESCRIPTION

Create a new service

OPTIONS

--cap-add= Add Linux capabilities

--cap-drop= Drop Linux capabilities

--config= Specify configurations to expose to the service

--constraint= Placement constraints

--container-label= Container labels

--credential-spec= Credential spec for managed service account (Windows only)

-d, --detach[=false] Exit immediately instead of waiting for the service to converge

--dns= Set custom DNS servers

--dns-option= Set DNS options

--dns-search= Set custom DNS search domains

--endpoint-mode="vip" Endpoint mode (vip or dnsrr)

--entrypoint= Overwrite the default ENTRYPOINT of the image

-e, --env= Set environment variables

--env-file= Read in a file of environment variables

--generic-resource= User defined resources

--group= Set one or more supplementary user groups for the container

--health-cmd="" Command to run to check health

--health-interval=	Time between running the check (ms s m h)
--health-retries=0	Consecutive failures needed to report unhealthy
--health-start-interval=	Time between running the check during the start period (ms s m h)
--health-start-period= unstable (ms s m h)	Start period for the container to initialize before counting retries towards unstable (ms s m h)
--health-timeout=	Maximum time to allow one check to run (ms s m h)
--host=	Set one or more custom host-to-IP mappings (host:ip)
--hostname=""	Container hostname
--init[=false]	Use an init inside each service container to forward signals and reap processes
--isolation=""	Service container isolation mode
-l, --label=	Service labels
--limit-cpu=	Limit CPUs
--limit-memory=0	Limit Memory
--limit-pids=0	Limit maximum number of processes (default 0 = unlimited)
--log-driver=""	Logging driver for service
--log-opt=	Logging driver options
--max-concurrent=	Number of job tasks to run concurrently (default equal to --replicas)
--memory-swap=0	Swap Bytes (-1 for unlimited)
--memory-swappiness=-1	Tune memory swappiness (0-100), -1 to reset to default
--mode="replicated"	Service mode ("replicated", "global", "replicated-job", "global-job")
--mount=	Attach a filesystem mount to the service
--name=""	Service name
--network=	Network attachments
--no-healthcheck[=false]	Disable any container-specified HEALTHCHECK

--no-resolve-image [=false]	Do not query the registry to resolve image digest and supported platforms
--oom-score-adj =0	Tune host's OOM preferences (-1000 to 1000)
--placement-pref =	Add a placement preference
-p, --publish =	Publish a port as a node port
-q, --quiet [=false]	Suppress progress output
--read-only [=false]	Mount the container's root filesystem as read only
--replicas =	Number of tasks
--replicas-max-per-node =0	Maximum number of tasks per node (default 0 = unlimited)
--reserve-cpu =	Reserve CPUs
--reserve-memory =0	Reserve Memory
--restart-condition =""	Restart when condition is met ("none", "on-failure", "any") (default "any")
--restart-delay =	Delay between restart attempts (ns us ms s m h) (default 5s)
--restart-max-attempts =	Maximum number of restarts before giving up
--restart-window =	Window used to evaluate the restart policy (ns us ms s m h)
--rollback-delay =0s	Delay between task rollbacks (ns us ms s m h) (default 0s)
--rollback-failure-action =""	Action on rollback failure ("pause", "continue") (default "pause")
--rollback-max-failure-ratio =0	Failure rate to tolerate during a rollback (default 0)
--rollback-monitor =0s (default 5s)	Duration after each task rollback to monitor for failure (ns us ms s m h)
--rollback-order =""	Rollback order ("start-first", "stop-first") (default "stop-first")
--rollback-parallelism =1	Maximum number of tasks rolled back simultaneously (0 to roll back all at once)
--secret =	Specify secrets to expose to the service
--stop-grace-period =	Time to wait before force killing a container (ns us ms s m h) (default 10s)

--stop-signal="" Signal to stop the container

--sysctl= Sysctl options

-t, --tty[=false] Allocate a pseudo-TTY

--ulimit=[] Ulimit options

--update-delay=0s Delay between updates (ns|us|ms|s|m|h) (default 0s)

--update-failure-action="" Action on update failure ("pause", "continue", "rollback") (default "pause")

--update-max-failure-ratio=0 Failure rate to tolerate during an update (default 0)

--update-monitor=0s Duration after each task update to monitor for failure (ns|us|ms|s|m|h) (default 5s)

--update-order="" Update order ("start-first", "stop-first") (default "stop-first")

--update-parallelism=1 Maximum number of tasks updated simultaneously (0 to update all at once)

-u, --user="" Username or UID (format: [::])

--with-registry-auth[=false] Send registry authentication details to swarm agents

-w, --workdir="" Working directory inside the container

SEE ALSO**docker-service(1)**